BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Improvements to roads and drains at Kattigenahalli and surrounding areas in Ward No.05 Byatarayanapura Sub Division**

Estimated Cost : 35.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work : Improvements to roads and drains at Kattigenahalli and surrounding areas in Ward No.05 Byatarayanapura Sub Division

Est Cost :Rs.35.00 Lakhs

Item No	Description of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3								
	PWD SR 2018 - 19, P.No - 143, Item No - 19.1								
	Drain Earthwork								
	Palenahalli Lake Opp Road - LHS	m^3	1	200.00	1.10	1.05	231.00		
	Palenahalli Lake Opp Road - LHS	m^3	1	175.00	1.10	1.00	192.50		
	Cross Road	m^3	1	25.00	1.10	1.00	27.50		
	Culvert Earthwork								
	Palenahalli Lake Road	m^3	2	12.00	1.50	1.05	37.80		
						Total	**488.80**	**215.28**	**105229.00**
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100								
	PWD SR 2018 - 19, P.No - 222, Item No - 27.18								
	Palenahalli Lake Opp Road - LHS	m^3	1	200.00	1.10	0.15	33.00		
	Palenahalli Lake Opp Road - LHS	m^3	1	175.00	1.10	0.15	28.88		
	Cross Road	m^3	1	25.00	1.10	0.15	4.13		
	Culvert Earthwork								
	Palenahalli Lake Road	m^3	2	12.00	1.60	0.15	5.76		
						Total	**71.76**	**5680.61**	**407641.00**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. -do- Wall & bottom thickness 15cm								
	PWD SR 2018 - 19 P.No - 271, Item No - 37.59.2								
	For New Rcc Drain Raft								
	Palenahalli Lake Opp Road - LHS	m^3	1	200.00	0.90	0.15	27.00		
	Palenahalli Lake Opp Road - LHS	m^3	1	175.00	0.90	0.15	23.63		
	Cross Road	m^3	1	25.00	0.90	0.15	3.38		
	For New Rcc Drain Wall								
	Palenahalli Lake Opp Road - LHS	m^3	2	200.00	0.15	0.75	45.00		

Item No	Description of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
	Palenahalli Lake Opp Road - LHS	m^3	2	175.00	0.15	0.75	39.38		
	Cross Road	m^3	2	25.00	0.15	0.75	5.63		
	For New Culvert - Raft								
	Palenahalli Lake Road	m^3	2	12.00	1.20	0.20	5.76		
	For New Culvert - Wall								
	Palenahalli Lake Road	m^3	4	12.00	0.20	0.45	4.32		
						Total	**154.08**	**5892.00**	**907840.00**
5	**KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200**								
	PWD SR 2018 - 19 P.No - 229, Item No - 28.8.2								
	Drain Considering 60 kg/M^3 of Drain Qty	Tonne					8640		
	Culvert Considering 80 kg/M^3 of Drain Qty	Tonne					806.4		
						Total	**9.45**	**80146.00**	**757092.00**
6	**Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer -in-charge. (Data rate)**								
	For New Rcc Drain Raft								
	Palenahalli Lake Opp Road - LHS		1	200.00	0.90		180.00		
	Palenahalli Lake Opp Road - LHS		1	175.00	0.90		157.50		
						Total	**337.50**	**2337.00**	**788738.00**
7	**Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer -in-charge. (Data rate)**								
	For New Culvert - Raft								
	Palenahalli Lake Road		2	12.00	1.20		28.80		
						Total	**28.80**	**5418.00**	**156039.00**
							Sub Total		**31,22,579.00**
							Add GST 12%		**3,74,710.00**
							Round Off		**2,711.00**
							Total		**35,00,000.00**

Technical Sanction
Accorded For 35.00 Lakh
Head of A/C P3726
CER NO : 76/13/12/21 Dt:

Administrative Approval
Accorded For 35.00 Lakh
Head of A/C P3726
CER NO : 76/13/12/21 Dt:

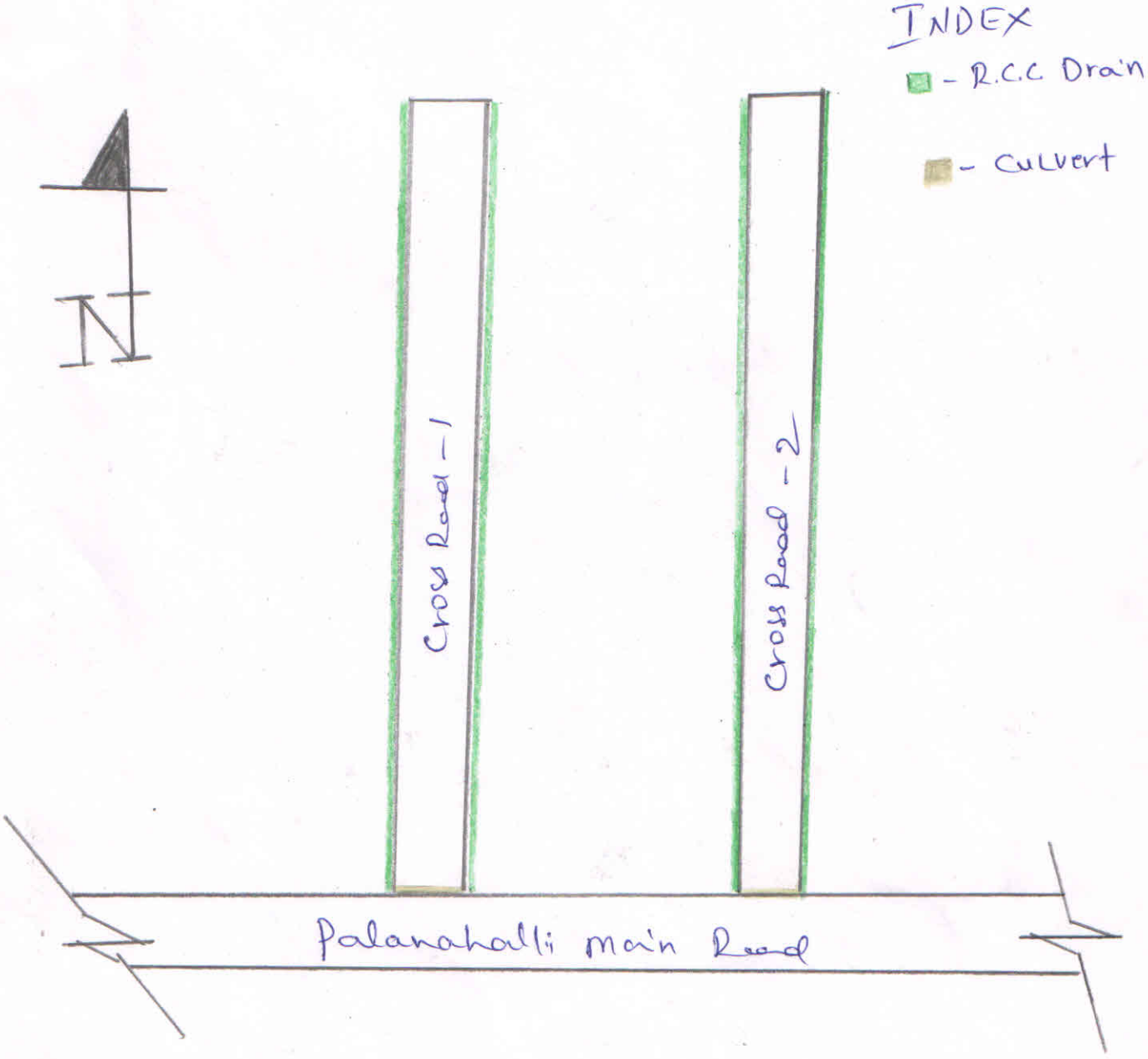
TA CE (YNK)

Assistant Enginner
Ward No 05

Assistant Executive Enginner
Bytarayanapura Sub Division

Executive Enginner
Bytarayanapura Division

Name of Work: Improvements to roads and drains at Kattigenahalli and surrounding areas in Ward No.05 Byatarayanapura Sub Division



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24